

DESIGN SPEED (km/h)	ROUNDED SSD FOR DESIGN ¹ (m)	CALCULATED K VALUES ² [K = S ² /(120 + 3.5 S)]	K VALUES ROUNDED FOR DESIGN
20	20	2.1	3
30	35	5.1	6
40	50	8.5	9
50	65	12.2	13
60	85	17.3	18
70	105	22.6	23
80	130	29.4	30
90	160	37.6	38
100	185	44.6	45
110	220	54.4	55
120	250	62.8	63

Notes:

1. *Stopping sight distances (SSD) are from Figure 42-1A.*
2. *K-values calculated using rounded for design stopping sight distances and a headlight height of 600 mm.*
3. *If curbs are present and K > 51, proper drainage should be ensured near the low point of the curve.*

**K-VALUES FOR SAG VERTICAL CURVES
(Stopping Sight Distance - Passenger Cars)**

Figure 44-3C